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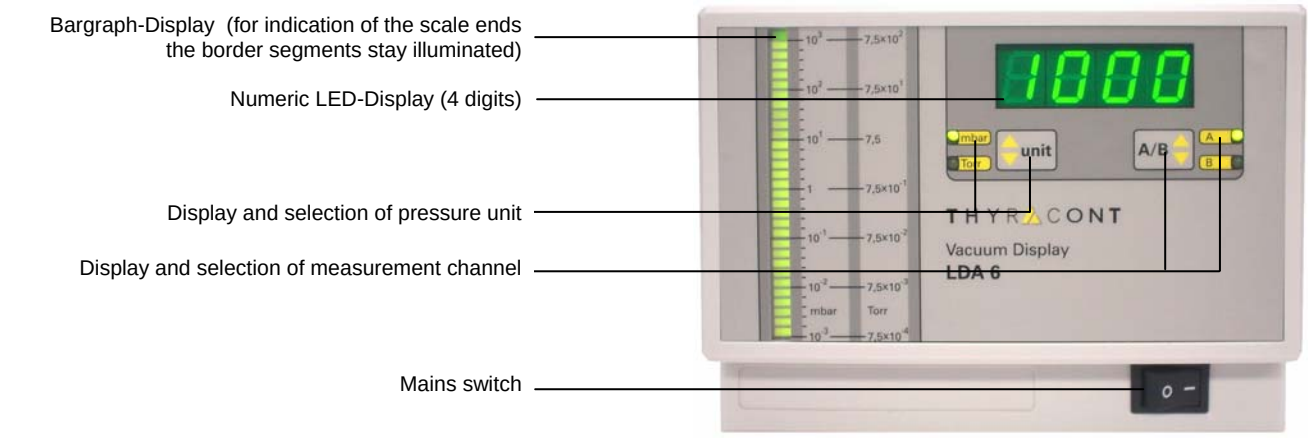
Operating Instructions
Vacuum Display

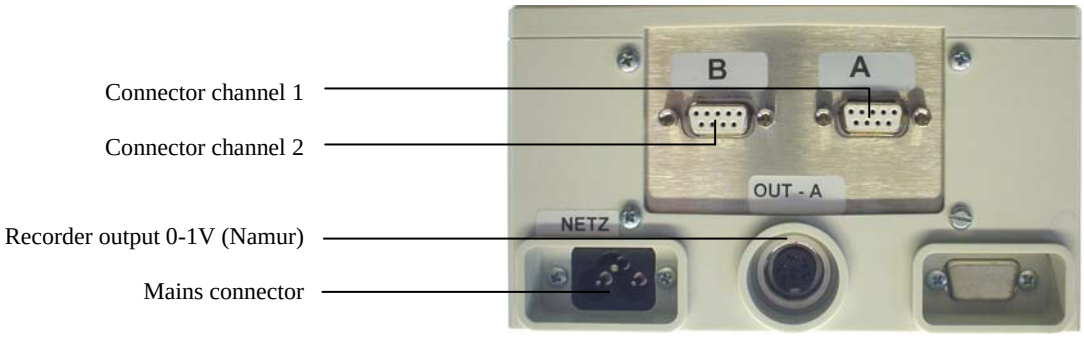
LDA64

Display Range: **1000 – 1,0e-3 mbar (750 – 1.0e-3 Torr)**

Buttons and Display Segments:

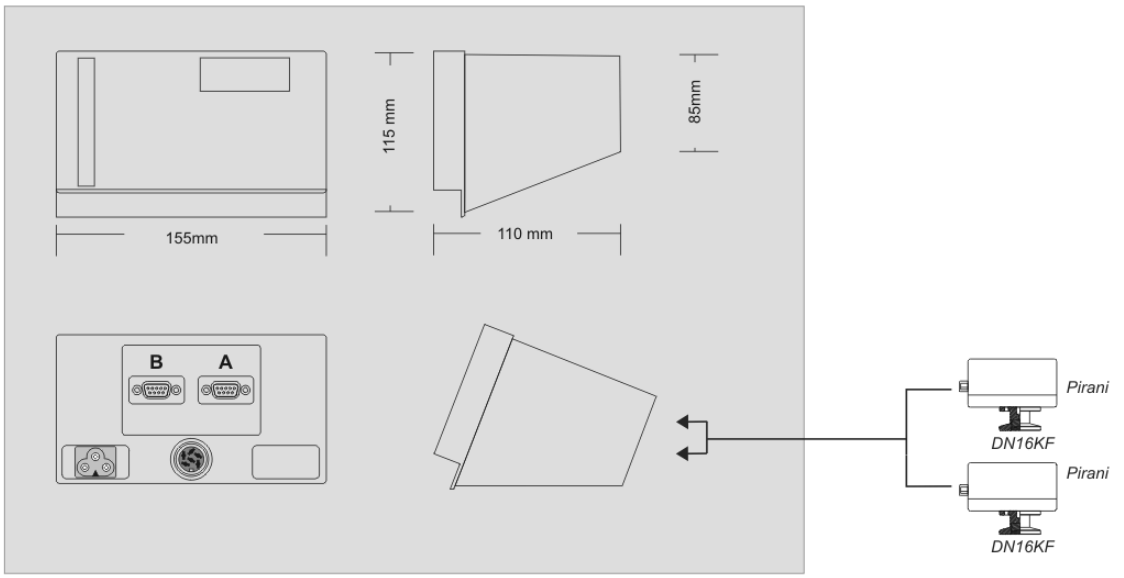


Connectors:



Operation:

1. Connect mains power and vacuum transducer(s) of type VSP52MV1 to the corresponding connectors. If the LDA64 is operated with a single transducer, connect this transducer to port A.
2. Switch on your LDA64, actual pressure of channel A is displayed simultaneously in the numeric LED-display and as bargraph. The selected pressure unit and channel are indicated by the corresponding LEDs. In case of an error at the selected channel the display shows "E 0" and the bargraph is switched off.
3. With the "unit" key you can select between pressure units mbar and Torr, by means of the "A/B" key select the channel to be displayed.



Technical Data

Measurement Principle	Pirani (depending on gas type)
Materials in Contact with Vacuum	Stainl. steel, tungsten, glass, nickel
Measurement Range	1000...20 -0.001 mbar (750...15 -0.001 Torr) admissible overload: 4 bar abs.
Resolution	2 digits
Accuracy	10 - 0.01mbar: approx. 10% f. reading
Measuring Rate	40 ms
Operating Temperature	0 ... 40°C
Storage Temperature	-10 ... +60°C
Power Supply	230 VAC 50/60 Hz
Power Consumption	max. 7 W
Connection Vacuum Transducers	2x 0 - 1 V for VSP52MV1 SubD 9pin, female
Analog Output	0 - 1 V; round connector 6-pin, female
Display	7-segment LED´s 13mm LED-bargraph
Weight	720 g

Article Numbers

LDA64P
Vacuum display LDA64 for 2 measurement channels 1000...20-0,001mbar; including 1 Pirani transducer type VSP52MV1 plus measuring cable 2m

LDA64PS
as above, for panel mounting

Accessories:
DC1SH2
Stand holder
A VSP52MV1
Pirani transducer 1000...20-0,001mbar, output signal 0-1V
A W0900002
measuring cable, shielded, 2m